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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/005,085		
		Filing Date	December 4, 2001		
		First Named Inventor	Mulligan, et al.		
		Group Art Unit	1732		
		Examiner Name	TBA		
Sheet	1	of	2	Attorney Docket Number	03248.00045

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U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
JP A ↓ B		US 20020127384	09/12/02	Mulligan et al.	
		US- 20020154741	10-24-02	Rigali et al	
		US- 5,053,092	10-01-91	Lachman	
		US- 5,398,193	05-14-95	Deangelis	
		US- 5,588,997	12-31-96	Lysson et al	
		US- 5,679,157	10-21-1997	Milliman	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	6/14/03
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.  
<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

Application Number	10/005,085
Filing Date	December 4, 2001
First Named Inventor	Mulligan, et al.
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Examiner Name	TBA
Attorney Docket Number	03248.00045

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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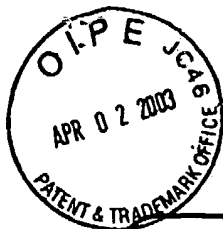
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<sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

2

**Complete if Known**

Application Number	10/005,085
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Examiner Name	TBA
Attorney Docket Number	03248.00045

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APR 4 2003  
TC 1700**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JP		PCT International Search Report mailed February 25, 2003, (PCT/US02/38804).	
JP		PCT International Search Report mailed February 28, 2003, (PCT/US02/38654).	
JP		PCT International Search Report mailed March 6, 2003, (PCT/US02/38680).	

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/38804

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C08K 3/18, 3/08, 3/38; D02G 3/00

US CL : 524/404, 428/373, 524/430, 524/439.

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 524/404, 428/373, 524/430, 524/439.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
palm

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
East

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US 20020154741 A1 (RIGALI et al.) 24 October 2002, See entire document.	1-37
X,P	US 20020127384 A1 (MULLIGAN et al.) 12 September 2002, see entire document.	1-37

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

27 January 2003 (27.01.2003)

Date of mailing of the international search report

25 FEB 2003

Name and mailing address of the ISA/US

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